MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

QC
990
.L4
M6
1922

LAT. 33° 54′ 22″ N.
LONG. E. FROM GREENWICH 35° 28′ 10″

JANUARY 1922

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

JANUARY 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sun shine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	763.9	761.9	759.6	761.8	18.4	13.8			
2	58.0	59.5	9.8	59.1	18.9	14.1			3.56
3	60.2	60.3	61.1	60.5	17.2	11.9			17.77
4	0.7	58.9	59.4	59.7	17.8	12.9			2.03
5	1.7	61.0	62.1	61.6	17.2	13.0			
6	3.0	2.3	3.3	2.9	16.6	12.8	—	—	—
7	3.2	2.4	2.6	2.7	16.6	11.7			
8	1.2	1.2	2.3	1.6	17.7	11.3			4.05
9	1.1	57.6	58.4	59.0	14.8	11.7			58.40
10	59.4	8.6	8.9	9.0	14.4	8.9			12.06
11	8.6	9.5	9.1	9.1	13.1	7.6	—	—	33.91
12	64.0	65.3	66.9	65.4	14.9	7.8			4.69
13	9.3	8.6	8.5	8.8	13.8	7.9			
14	5.9	4.4	4.6	5.0	15.4	9.7			
15	6.6	6.1	6.4	6.4	15.9	10.5			
16	6.8	6.0	5.8	6.2	16.2	10.7	—	—	—
17	5.0	4.3	4.8	4.7	17.6	12.1			
18	4.0	1.5	1.4	2.3	18.4	13.2			
19	0.6	59.1	58.6	59.4	19.7	13.9			
20	56.6	5.7	7.6	6.8	19.8	15.1			
21	7.1	7.4	9.3	7.9	15.5	11.2	—	—	3.05
22	61.7	60.4	9.6	60.6	16.6	11.2			8.25
23	57.1	56.1	7.9	57.0	18.3	13.9			1.39
24	8.0	8.2	9.5	8.6	14.6	8.6			26.91
25	60.2	9.6	60.6	60.3	14.8	10.1			5.84
26	2.3	62.6	3.9	2.9	14.8	9.4	—	—	23.87
27	5.8	5.0	5.1	5.3	16.1	9.7			32.50
28	2.0	0.2	59.1	0.4	17.3	12.0			5.96
29	59.5	59.5	60.2	59.8	16.5	11.1			
30	8.5	7.2	57.9	7.9	16.3	12.3			20.43
31	64.0	63.7	65.3	64.3	17.5	10.1			1.14
	761.8	761.1	761.6	761.5	16.5	11.3			265.8

BAROMETER

Maximum	769.3	on 13th
Minimum	755.7	on 20th

THERMOMETER

Maximum	19.8	on 20th
Minimum	7.6	on 11th
Minimum on grass		on

RAINFALL

Maximum 58.40 mm. on 9th

Number of days with rain 18 thunderstorms 1 fog 0 gale 3

JANUARY 1922

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	15.1	17.9	16.1	16.4	11.2	14.3	12.1	7.8	10.0	8.4	8.7	61	65	61	62
2	16.4	17.6	15.6	16.5	13.2	13.4	12.8	9.4	9.1	9.4	9.3	68	62	71	67
3	16.0	16.8	14.6	15.8	12.8	13.4	13.4	9.2	9.5	10 7	9.8	69	67	86	71
4	15.0	16.6	16.7	16.1	12.7	14.3	12.0	9.6	10.7	8.0	9.4	76	76	56	69
5	14.9	16.8	14.0	15.2	11.8	12.7	11.5	8.5	8.6	8.7	8.6	67	60	73	67
6	14.0	16.3	13.0	14.4	10.2	11.9	10.6	7.3	8.0	8.2	7.8	62	59	74	65
7	14.4	16.5	14.4	15.1	11.0	13.2	11.7	8.0	9.3	8.8	8.7	65	67	72	68
8	16.3	15.5	12.8	14.9	9.7	10.8	11.1	6·1	7.4	8.9	7.5	44	56	81	60
9	12.3	14.4	14.4	13.7	11.1	11.6	10.3	8.9	8.7	7.3	8.3	84	71	61	72
10	11.6	13.8	12.9	12.8	11.2	12.0	9.9	9.6	9.4	7.6	8.9	94	80	68	81
11	8.5	10.6	9.3	9.5	8.3	8.2	7.5	8.1	6.9	6.9	7.3	97	71	78	82
12	9.1	14.1	7.2	10.1	8.2	9.3	7.8	7.4	6.5	5.7	6.5	89	55	52	65
13	10.8	13.6	10.6	11.7	7·0	8.9	7.9	5.7	6.3	6.6	6.2	59	55	69	61
14	12.3	15.3	12.2	13.3	7.7	9.3	8.2	5.8	6.1	6.2	6.0	55	46	58	53
15	13.6	15.3	12.8	13.9	9.9	11.9	11.1	7.3	8.6	8.3	8.1	63	67	70	67
16	14.3	16.1	14.1	14.8	9.6	11.1	9.7	6.7	7.4	6.8	7.0	55	54	57	55
17	14.2	17.3	14.4	15.3	8.7	12.3	10.2	5.9	8.1	7.2	7.1	49	56	58	54
18	14.9	17.8	15.7	16.1	10.5	13.3	14.8	7.3	8.9	11.9	9.4	57	59	90	69
19	16.6	18.4	17.6	17.5	13.8	15.6	11.7	10.1	11.4	7.3	9.6	73	73	49	65
20	16.5	16.1	14.9	15.8	13.8	14.7	10.6	10.1	11.5	7.4	9.7	72	85	58	72
21	13.6	14.8	13.9	14.1	11.5	12.7	11.8	9.0	9.7	9.1	9.3	77	77	76	77
22	15.4	16.1	15.0	15.5	12.7	12.8	12.1	9.3	9.1	8.8	9.1	71	67	70	69
23	17.7	16.1	10.0	14.9	11.7	12.1	8.2	7.3	8.4	7.2	7.6	49	61	79	63
24	12.8	12.4	11.8	12.3	10.0	11.2	10.1	7.7	9.1	8.2	8.3	70	85	79	78
25	12.2	14.6	12.8	13.3	10.4	11.6	11.4	8.4	8.6	9.3	8.4	79	69	85	78
26	12.6	14.0	14.1	13.6	10.1	10.6	10.4	7.8	7.7	7.5	7.7	72	64	62	66
27	14.9	15.6	13.3	14.6	12.1	12.3	11.8	8.9	8.8	9.5	9.1	71	67	83	74
28	15.8	17.0	13.3	15.4	12.7	14.1	12.0	9.3	10.2	9.6	9.7	69	71	85	75
29	14.9	16.3	13.9	15.0	11.6	12.1	11.6	8.4	8.3	8.9	8.5	67	59	75	67
30	12.5	15.8	12.7	13.7	11.0	12.4	10.7	8.9	8.8	8.4	8.7	82	66	77	75
31	15.9	16.5	15.6	16.0	12.6	13.5	12.7	9.0	9.7	9.2	9.3	67	70	70	69
	14.0	15.6	13.5	14.1	10.9	12.2	10.9	8.0	8.7	8.3	8.3	68.8	65.8	70.4	68.3

Height of Barometer above sea level : 33.7 meters.

„ „ Thermometers above ground :

Dry and wet 1.55 m. ; Max. 1.75 m. ; Min. 1.70 m.

Height of Rain Guage : above ground 0.56 m. ; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JANUARY 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	10cu ci	10cu n	10n s	10	0	0	0	159.0	v. Slight	
2	10cu n	10n	8n	9.3	0	3sw	3sw	130.6	slight	
3	10cu n	4cu	10n	8.0	3sw	2sw	3sw	445.0	rough	Gale at night
4	10n s	10h	9cu n	9.7	0	0	3sw	247.0	v. Slight	
5	4cu ci	0	4cu	2.7	0	Isw	0	226.6	,,	
6	0	0	0		0	0	Isw	184.5	slight	
7	3s	0	0	0.3	0	0	Isw	43.4	v. Slight	
8	2cu	9cu n	10cu n	7.0	3sw	4sw	3sw	230.7	rough	
9	10n	10n	9cu n	9.7	4sw	4sw	5sw	737.0	v. rough	
10	10n	10n	10n	10	5sw	4sw	Isw	649.3	,,	Gale at night
11	10n	10n	9cu n	9.7	0	0	Isw	249.6	v. Slight	
12	10n	4cu	4cu	6.0	Ine	2ne	Ine	331.6	,,	
13	0	0	3s	0.3	Ine	Ine	0	162.4	calm	
14	0	0	0		0	Ine	0	63.9	v. Slight	
15	0	0	5s	1.7	0	Ine	0	91.7	,,	
16	0	5s	2s	2.3	0	Ine	0	191.0	,,	
17	9cu ci	10s	0	6.3	0	0	0	88.7	calm	
18	10cu s	0	0	3.3	0	0	0	114.3	,,	Heavy dew at
19	2s ci	5s	9n s	5.3	0	Ine	0	33.8	,,	6 p.m.
20	10cu s	10cu n	In	7.0	0	4sw	Isw	95.5	v. Slight	
21	10n	10n	10n	10	3sw	Isw	Isw	512.4	slight	
22	Icu	0	0	0.3	0	In	0	199.2	v. Slight	
23	9cu n	10n	7n	8.7	3e	Isw	Isw	327.3	,,	Gale and hail
24	10cu n	10n	6n	8.7	0	Isw	0	319.5	,,	at night
25	8cu s	10n	10n	9.3	0	2sw	Isw	318.7	slight	Violent thun-
26	10cu n	10n	6n	8.7	3sw	3sw	2sw	697.1	rough	bolts
27	5cu	Icu	5n s	3.7	0	0	0	302.6	v. Slight	
28	10cu s	10cu s	0	6.7	0	0	0	132.5	calm	
29	10cu n	0	In	3.7	0	2sw	Isw	203.2	v. Slight	
30	10n	9cu n	10n	9.7	Isw	4sw	2sw	504.8	rough	
31	7cu	4cu	0	3.7	Isw	0	2sw	394.7	v. Slight	
				5.9				267.3		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	2	1	0	0	8	0	0	20
2:30	1	6	0	0	0	14	0	0	10
8:30	0	1	0	0	0	17	0	0	13
Totals	1	9	1	0	0	39	0	0	43